

★MISA-

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Panel press jig for construction of building - uses pinion gear and rack mechanism for panel assembly

MISAWA HOMES CO LTD 94.11.07 94JP-297915

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The panel press jig (10) mainly consists of a fixed part (20) and a movable part (30). The fixed part consists of a fixing tool (24) and a fixed rod (22). The fixed part has a set of end faces (24a, 24b). The movable part consists of a toothed wheel, that is, pinion gear (36) and a rack (32). An opening (26) is provided in one end face i.e. breadth side of the fixing part. End face of the rack has a press board (34) attached to it. The press jig also consists of an actuator (40).

The actuator comprises a lever (46) attached to a projected shaft (42). The shaft is coaxial with a pinion gear and is fixed to it. The lever is attached to the projected shaft through a hole (44) in the shaft. Turning the lever, causes the pinion gear to rotate which in turn moves the rack in the forward or reverse directions.

ADVANTAGE - Improves working accuracy. Prevents damage to panel. Shortens working period. Improves degree of finish. (6pp Dwg.No.1/4)

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